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PTO/SB/08A (10-01)

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Substitute for form 1449A (8/90)

**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

(use as many sheets as necessary)

Sheet

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of

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Complete if Known

Application Number	10/706,308
Filing Date	November 11, 2003
First Named Inventor	Moss et al.
Group Art Unit	3634
Examiner Name	Unknown

Attorney Docket Number 3052-5550.I.US

U.S. PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number - Kind Code ² (if known)			
	AC	D 248,777	08/01/1978	Spencer et al.	
	AC	D 309,502	07/24/1990	Wing et al.	
	AC	RE 30,020	06/05/1979	Spencer et al.	
	AC	2,144,440	01/17/1939	Gaffers	
	AC	2,186,119	01/09/1940	Moen	
	AC	3,692,143	09/19/1972	Kummerlin et al.	
	AC	4,182,431	01/08/1980	Wing	
	AC	4,210,224	07/01/1980	Kummerlin et al.	
	AC	4,371,055	02/01/1983	Ashton et al.	
	AC	4,376,470	03/15/1983	Ashton	
	AC	4,407,045	10/04/1983	Boothe	
	AC	4,566,150	01/28/1986	Boothe	
	AC	4,697,305	10/06/1987	Boothe	
	AC	4,974,701	12/04/1990	Parise	
	AC	5,002,153	03/26/1991	Yuen	
	AC	5,279,387	01/18/1994	Swiderski et al.	
	AC	5,359,812	11/01/1994	Mayfield	
	AC	5,366,051	11/22/1994	Bartnicki et al.	
	AC	5,419,084	05/30/1995	Sankey et al.	
	AC	5,515,942	05/14/1996	Woodfield	
	AC	5,954,157	09/21/1999	Grimes et al.	

FOREIGN PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ⁶
		Country Code ³ - Number ⁴ - Kind Code ⁵ (if known)				
	AC	EP 0 324 885 A1	07/26/1989	Yuen, Halson		
	AC	DE 195 39 157 A1	04/24/1997	Hymer-Leichtmetallbau		yes
	AC	NL 1002235	08/05/1997	Dirks Ladders en Trappen		yes

Examiner Signature

/Alvin Chin-Shue/ (05/27/2005)

Date Considered

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

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Application Number	10/706,308
Filing Date	November 11, 2003
First Named Inventor	Moss et al.
Group Art Unit	3634
Examiner Name	Unknown
Attorney Docket Number	3052-5550.1US

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(use as many sheets as necessary)		Filing Date	November 11, 2003
		First Named Inventor	Moss et al.
		Group Art Unit	3634
		Examiner Name	Unknown
Sheet	3	of	3
		Attorney Docket Number	3052-5550 IJIS

OTHER PRIOR ART -- NON PATENT LITERATURE DOCUMENTS

Examiner Signature	/Alvin Chin-Shue/ (05/27/2006)	Date Considered
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INFORMATION DISCLOSURE STATEMENT BY APPLICANT

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U.S. PATENT DOCUMENTS

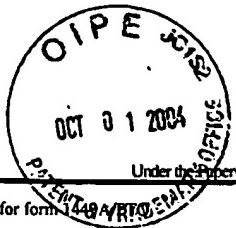
FOREIGN PATENT DOCUMENTS

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Substitute for form 1449 A/B7C-14

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Sheet 1 of 1

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